

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-18 (Canceled)

Claim 19 (Currently Amended)      A method for providing information ~~related~~  
correlated to one or more probe sets, wherein each probe-set is capable of the  
identification of a biological molecule ~~has one or more identifiers~~ comprising:  
    receiving ~~a first set~~ a query comprising a user selection of one or more of the  
probe-set identifiers, wherein each of the probe set identifiers identifies one or more of  
the probe-[[set]]sets is capable of the identification of a biological molecule selected from  
the results of one or more experiments performed using biological probe arrays ~~is capable~~  
~~of the identification of a biological molecule;~~  
    correlating each of the first set of probe-set identifiers with gene or EST ~~a first set~~  
~~of one or more data;~~  
    correlating ~~each of the first set of gene or EST~~ data with a ~~second set of one or~~  
~~more protein~~ data; and  
    providing the ~~second~~ set of protein data to ~~[[a]]~~ the user.

Claims 20 – 48 (Canceled)

Claim 49 (Currently Amended)      A system for providing information ~~related~~  
correlated to one or more probe sets, comprising:

an input manager for receiving a query comprising a user selection of one or more  
probe-set identifiers, wherein each of the probe-set identifiers identifies ~~associated with~~  
one or more of the probe sets selected from the results of one or more experiments  
performed using biological probe arrays;

a determiner for correlating each of the probe-set identifiers with gene or EST ~~a~~  
~~first set of data;~~ and

a correlator for correlating the gene or EST ~~the first set of data~~ with a ~~second~~ set  
of protein data; and

an output manager that provides the set of protein data to the user;

wherein the probe-set identifiers include one or more of accession number,  
manufacturer-defined probe set identifier, biological sequence, or annotation term, and  
further wherein the gene or EST ~~first set of data~~ includes biological sequence, ~~and still~~  
~~further wherein the second set of data includes protein information.~~

Claim 50 (Currently Amended)      The system of claim 49, wherein:

the protein ~~information~~ data includes biological process, molecular function, or  
cellular location information.

Claim 51 (Currently Amended)      The system of claim 50, wherein:

the protein ~~information~~ data comprises ~~includes information related to~~ protein  
domain information.

Claims 52 – 60 (Canceled)

Claim 61 (Previously Presented)      The method of claim 19, wherein:  
the probe-set identifiers include one or more of accession number, manufacturer-defined probe-set identifier, biological sequence, or annotation term.

Claim 62 (Currently Amended)      The method of claim 19, wherein:  
the gene or EST ~~first set of~~ data includes biological sequence.

Claim 63 (Cancelled)

Claim 64 (Currently Amended)      The method of claim ~~[[63]]~~ 19, wherein:  
the protein data ~~information includes~~ comprises biological process, molecular function, or cellular location information.

Claim 65 (Currently Amended)      The method of claim 64, wherein:  
the protein data ~~information includes information~~ comprises ~~related to~~ protein domain information.

Claim 66 (Cancelled)